

a cellular mobile phone, a Personal Digital Assistant (PDA), a notebook computer, a printer and/or any other movable communication device.

[0076] The user equipment **102** may comprise a transceiver **706** for transmitting and/or receiving signals to/from the base station **101**. The transceiver may comprise a transmitting unit and a receiving unit. The transmitting unit may be a transmitter as known by a skilled person, and the receiving unit may be a common known receiver. The transceiver or the receiving and the transmitting unit may be adapted to communicate with the base station via an antenna.

[0077] The user equipment **102** may further comprise a measuring or determination unit **707** being adapted to measure or determine the feedback information. The measuring unit may be integrated with the transceiver or may be a single unit. It may also be part of a common control unit of the user equipment.

[0078] Having regard to the subject matter disclosed herein, it should be mentioned that, although some embodiments refer to a “base station”, “eNB”, etc., it should be understood that each of these references is considered to implicitly disclose a respective reference to the general term “network component” or, in still other embodiments, to the term “network access node”. Also other terms which relate to specific standards or specific communication techniques are considered to implicitly disclose the respective general term with the desired functionality.

[0079] It should further be noted that a base station as disclosed herein is not limited to dedicated entities as described in some embodiments. Rather, the herein disclosed subject matter may be implemented in various ways in various locations in the communication network while still providing the desired functionality.

[0080] According to embodiments of the invention, any suitable entity (e.g. components, units and devices) disclosed herein, e.g. the configuration unit, are at least in part provided in the form of respective computer programs which enable a processor device to provide the functionality of the respective entities as disclosed herein. According to other embodiments, any suitable entity disclosed herein may be provided in hardware. According to other—hybrid—embodiments, some entities may be provided in software while other entities are provided in hardware.

[0081] It should be noted that any entity disclosed herein (e.g. components, units and devices) are not limited to a dedicated entity as described in some embodiments. Rather, the herein disclosed subject matter may be implemented in various ways and with various granularity on device level while still providing the desired functionality. Further, it should be noted that according to embodiments a separate entity (e.g. a software module, a hardware module or a hybrid module) may be provided for each of the functions disclosed herein. According to other embodiments, an entity (e.g. a software module, a hardware module or a hybrid module (combined software/hardware module)) is configured for providing two or more functions as disclosed herein.

[0082] It should be noted that the term “comprising” does not exclude other elements or steps. It may also be possible in further refinements of the invention to combine features from different embodiments described herein above. It should also be noted that reference signs in the claims should not be construed as limiting the scope of the claims.

LIST OF REFERENCE SIGNS

[0083]	100	Cellular network system
[0084]	101	Base station
[0085]	102	User equipment
[0086]	103	Communication channel
[0087]	104	Cell
[0088]	106	Interferences caused by further communication channel
[0089]	201	CQI of base station (real CQI)
[0090]	202	CQI of user equipment (feedback CQI)
[0091]	203	adjusted CQI (feedback CQI-OLLA)
[0092]	204	OLLA offset
[0093]	304	OLLA offset
[0094]	404	OLLA offset
[0095]	501	UE with separate measurements for ABS and non-ABS in combination with two OLLA
[0096]	502	UE with separate measurements for ABS and non-ABS in combination with one OLLA
[0097]	503	UE with one measurement for ABS and non-ABS in combination with two OLLA
[0098]	504	UE with one measurement for ABS and non-ABS in combination with one OLLA
[0099]	601	UE with separate measurements for ABS and non-ABS in combination with two OLLA
[0100]	602	UE with separate measurements for ABS and non-ABS in combination with one OLLA
[0101]	603	UE with one measurement for ABS and non-ABS in combination with two OLLA
[0102]	604	UE with one measurement for ABS and non-ABS in combination with one OLLA
[0103]	700	Cellular network system
[0104]	701	Transceiver
[0105]	702	Adjusting unit
[0106]	703	Configuration unit
[0107]	704	Determination unit
[0108]	705	Further determination unit
[0109]	706	Transceiver
[0110]	707	Measuring unit

1. A method for configuring a communication channel for a radio transmission within a cellular network between a user equipment and a base station, wherein the communication channel is divided into subframes, wherein the cellular network comprises a further base station, wherein the further base station is adapted to use a further communication channel, wherein the further communication channel is divided into subframes, wherein a first part of the subframes of the communication channel is associated in time with a first part of the subframes of the further communication channel, which is unscheduled by the further base station due to a predefined muting pattern, and wherein a second part of the subframes of the communication channel is associated in time with a second part of the subframes of the further communication channel, which is scheduled by the further base station, the method comprising

determining, by the base station, a first quality information being indicative for a quality of the first part of the subframes of the communication channel and a second quality information being indicative for a quality of the second part of the subframes of the communication channel,

receiving, by the base station, a feedback information from the user equipment being indicative for the quality of the communication channel,